

TITLE 83: PUBLIC UTILITIES
CHAPTER I: ILLINOIS COMMERCE COMMISSION
SUBCHAPTER C: ELECTRIC UTILITIES

PART XXX
INTERCONNECTION OF DISTRIBUTED GENERATION EQUIPMENT
TO ELECTRIC UTILITY DISTRIBUTION SYSTEMS

Section XXX.010	Definitions
Section XXX.020	Purpose
Section XXX.030	Applicability
Section XXX.040	Interconnection Agreement
Section XXX.050	Application for Interconnection
Section XXX.060	Initial Review
Section XXX.070	Primary Screening Criteria
Section XXX.080	Secondary Screening Criteria
Section XXX.090	Results of Initial Review
Section XXX.100	Scoping Meeting
Section XXX.110	Feasibility/Impact Study
Section XXX.120	Facilities Study
Section XXX.130	Compliance
Section XXX.140	Designation of Interconnection Provider Contact Persons
Section XXX.150	All Reasonable Efforts
<u>Section XXX.155</u>	<u>Technical Requirements for Parallel Operation</u>
Section XXX.160	Metering
Section XXX.170	Installation and Commissioning
Section XXX.180	Reporting Requirements
Section XXX.190	Complaint Procedures

AUTHORITY: Implementing Section 9-241 and authorized by Section 10-101 of the Public Utilities Act [220 ILCS 5/9-241 and 10-101].

SOURCE: Adopted at ___ Ill. Reg. _____, effective _____.

Section XXX.010 Definitions

Affected Systems – means any electric system, not owned or operated by the Interconnection Provider, that is either directly or indirectly connected to the Interconnection Provider's Electric System that could be adversely affected by the interconnection and/or parallel operation of the Interconnection Customer's Small Resource.

Agreement – the interconnection and parallel operation agreement for a Small Resource, by and between the Interconnection Provider and the Interconnection Customer.

[The definition of Automatic Disconnect Device was deleted since it is not used in the document.]

[The definition of Delivery Service was deleted since it is not used in the document.]

Disconnect (verb) / Disconnection - to isolate a circuit or distributed generation equipment from a source of power. If isolation is accomplished with a solid-state device, "disconnect" shall mean to cease the transfer of power. [The term Disconnection has been added to this definition because it is used in the Agreement in the same context as Disconnect, but as a noun.]

Formatted: Font: 10 pt

Formatted: Indent: Left: 0.25"

Formatted: Normal, Tabs: Not at 1.43" + 6.49"

Deleted: interconnection provider

Deleted: s

Formatted: Font: 10 pt

Deleted: e

Formatted: Font: 10 pt

Formatted: Font: 10 pt

Deleted: interconnection customer

Formatted: Font: 10 pt

Deleted: distributed generation equipment

Formatted: Font: 10 pt

Deleted: an

Formatted: Font: 10 pt

Deleted: distributed generation equipment

Formatted: Font: 10 pt

Formatted: Font: 10 pt

Deleted: interconnection provider

Formatted: Font: 10 pt

Deleted: interconnection customer

Formatted: Font: 10 pt

Deleted: Automatic Disconnect Device – an electronic or mechanical switch used to isolate a circuit or piece of equipment from a source of power without the need for human intervention.

Formatted: Font: 10 pt

Formatted: Font: 10 pt

Formatted: Font: 10 pt

Deleted: Delivery Service - the services the interconnection provider may provide to deliver capacity or energy generated by interconnection customer to a buyer or delivery point.

Formatted: Font: 10 pt

Formatted: Font: 10 pt

Formatted: Font: 10 pt

[The definition of Disconnect Switch was deleted since it is not used in the document.]

Distributed Generation Equipment - the equipment which constitutes the Small Resource, including, but not limited to, distributed generation facilities, self-generators, small electric generation facilities and electric customer-generators.

Electric System - the electric distribution system for transmitting power to the Interconnection Provider's customer.

Facilities Study - a study, executed in accordance with Section XXX.120, which determines specific changes to the electric system(s) necessary to interconnect the Small Resource to the electric system, and to determine, with reasonable accuracy, the cost of those changes.

Feasibility/Impact Study - a study, executed in accordance with Section XXX.110, which identifies the effect(s) of interconnecting the Small Resource to the Electric System, including identification of potential violations, the effect the interconnection would have on system reliability and the magnitude of costs associated with facilities and/or system modifications necessary for completing the interconnection.

FERC - means the Federal Energy Regulatory Commission

IEEE - means Institute of Electrical and Electronics Engineers, Inc., a non-profit technical professional organization.

Interconnection Agreement - the agreement, in the form provided under Appendix A, that defines the requirements for interconnecting the Small Resource to the Electric System.

Interconnection Customer - means any entity proposing to interconnect a Small Resource to the Electric System or any entity that has entered into a valid Interconnection Agreement with an Interconnection Provider.

Interconnection Provider - means an electric utility, as defined by the Illinois Public Utilities Act, who is the operator of the Electric System to which the Interconnection Customer desires to interconnect, or has interconnected, their Small Resource.

Interconnection Request - a request, in the form provided under Appendices B or C, by an Interconnection Customer to connect a Small Resource to the Electric System.

[The definition of Islanding was deleted since it is not used in the document.]

Point of Common Coupling - The point at which the interconnection between the Electric System and the Small Resource interface occurs. Typically, this is the Interconnection Customer side of the Interconnection Customer's meter.

Primary Screening Criteria - the criteria listed in Section XXX.070.

Radial Distribution Circuit - a distribution line that branches out from a substation and is normally not connected to another substation or another circuit sharing the common supply of electric power.

Secondary Screening Criteria - the criteria listed in Section XXX.080

[The definition of Short Circuit Contribution was deleted since it is not used in the document.]

Small Resource - the composite of Distributed Generation Equipment which, as a whole, is the Interconnection Customer's generating facility identified in the Interconnection Request.

Deleted: Disconnect Switch -	... [1]
Formatted	... [2]
Deleted: -	
Formatted	... [3]
Deleted: includes any on-site	
Deleted: small resource...s	... [4]
Formatted	... [5]
Formatted	... [6]
Formatted	... [7]
Deleted: high voltage transmis	... [8]
Formatted	... [9]
Deleted: The Facilities Study	... [10]
Formatted	... [11]
Deleted: s	
Deleted: r	
Formatted	... [12]
Deleted: high voltage transm	... [13]
Formatted	... [14]
Deleted: distribution s	
Formatted	... [15]
Formatted	... [16]
Deleted: v	
Formatted	... [17]
Deleted: and	
Formatted	... [18]
Deleted: . The feasibility/imp	... [19]
Formatted	... [20]
Deleted: responsible with m	... [21]
Formatted	... [22]
Deleted: distributed generati	... [23]
Deleted: an interconnection	... [24]
Formatted	... [25]
Formatted	... [26]
Deleted: s	
Formatted	... [27]
Deleted: i	
Formatted	... [28]
Deleted: a	
Formatted	... [29]
Deleted: i	
Formatted	... [30]
Deleted: p	
Formatted	... [31]
Formatted	... [32]
Formatted	... [33]
Deleted: Islanding - a condit	... [34]
Formatted	... [35]
Deleted: (PCC)...Interconne	... [36]
Formatted	... [37]
Deleted: s	
Formatted	... [38]
Deleted: interconnection	... [39]
Formatted	... [40]
Formatted	... [41]
Formatted	... [42]
Formatted	... [43]
	... [44]
Formatted	... [45]

~~[The definition of UL was deleted since it is not used in the document.]~~

~~[The definition of Utility Grade Relay was deleted since it is not used in the document.]~~

~~[The definition of Verification Test was deleted since it is not used in the document.]~~

Violation – a condition on ~~the electric~~ system that is considered unacceptable ~~under Good Utility Practice~~.

Section XXX.020 Purpose

The purpose of this Code Part is to state the terms and conditions that govern the interconnection and parallel operation of ~~a Small Resource on the Interconnection Provider's Electric System~~, to establish technical requirements that will promote the safe and reliable parallel operation of ~~such Distributed Generation Equipment~~, to ~~protect~~ the reliability of ~~the retail and wholesale customers receiving electric service from the Electric System~~, and to facilitate the use of ~~Distributed Generation Equipment~~.

Section XXX.030 Applicability

- a) All ~~Interconnection Providers~~ are required to adhere to the provisions in Code Part XXX. The interconnection procedures in Code Part XXX are available to ~~Interconnection Customer's~~ proposing to interconnect ~~Distributed Generation Equipment in the form of a Small Resource~~ to the ~~Interconnection Provider's Electric System~~.
- b) ~~Capitalized~~ terms used herein shall have the meanings specified in Section XXX.010 Definitions.
- c) Neither these procedures nor the requirements included hereunder apply to ~~Distributed Generation Equipment~~ interconnected or approved for interconnection with ~~the Electric System~~ prior to 60 business days after the effective date of ~~this Code Part XXX~~.

Section XXX.040 Interconnection Agreement

- a) The ~~Interconnection Provider~~ shall issue an ~~Interconnection Agreement~~ to the ~~Interconnection Customer~~ if:
 - 1) ~~the Interconnection Customer submits and the Interconnection Provider receives a completed Interconnection Request~~ in accordance with Section XXX.050; and
 - 2) the ~~Interconnection Customer's~~ proposed ~~Distributed Generation Equipment~~ meets the specifications in IEEE 1547-2003 and all other applicable codes and standards, and the ~~Interconnection Customer~~ passes the ~~Primary Screening Criteria~~ in Section XXX.070; or
 - 3) after undergoing a ~~Feasibility/Impact Study~~ under Section XXX.110 and, if necessary, a ~~Facilities Study~~ under Section XXX.120, ~~[The references to a determination of modifications was deleted because, by definition, the Facilities Study will accomplish this task.]~~

Section XXX.050 Application for Interconnection

- a) To assist an ~~Interconnection Customer~~ in the interconnection process, the ~~Interconnection Provider~~ shall designate an employee ~~in accordance with Section~~

Deleted: UL –Underwriters	... [47]
Formatted	... [48]
Deleted: Utility Grade Relay	... [49]
Formatted	... [50]
Deleted: Verification Test - a	... [51]
Formatted	... [52]
Deleted: a high voltage trans	... [53]
Formatted	... [54]
Deleted: distributed generati	... [55]
Formatted	... [56]
Deleted: d	... [57]
Formatted	... [57]
Deleted: g	... [58]
Formatted	... [58]
Deleted: e	... [59]
Formatted	... [59]
Deleted: enhance both	... [60]
Formatted	... [60]
Deleted: and economic effi	... [61]
Formatted	... [62]
Deleted: d	... [63]
Formatted	... [63]
Deleted: g	... [64]
Formatted	... [64]
Deleted: e	... [65]
Formatted	... [65]
Deleted: in order to provide	... [66]
Deleted: ¶	... [67]
Deleted: i	... [68]
Formatted	... [68]
Deleted: p	... [69]
Formatted	... [69]
Deleted: i	... [70]
Formatted	... [70]
Deleted: c	... [71]
Formatted	... [71]
Deleted: d	... [72]
Formatted	... [72]
Deleted: g	... [73]
Formatted	... [73]
Deleted: e	... [74]
Formatted	... [74]
Deleted: i	... [75]
Formatted	... [75]
Deleted: p	... [76]
Formatted	... [76]
Deleted: e	... [77]
Formatted	... [77]
Deleted: distribution s	... [78]
Formatted	... [78]
Deleted: or high voltage	... [79]
Deleted: T	... [80]
Formatted	... [80]
Formatted	... [81]
Formatted	... [82]
Formatted	... [83]
Formatted	... [84]
Formatted	... [85]

XXX.140 [The term “office” was deleted because Section XXX.140 does not require identification of an “office”], from which information on the application process and on the Electric System of the Interconnection Provider [The phrase “affected system of an Interconnection Provider” was replaced by “Electric System” to correspond with the definitions of Affected System and Interconnection Provider.] can be obtained through informal requests by an Interconnection Customer presenting a proposed project for a specific site. Electric System information provided to an Interconnection Customer should include applicable existing relevant system studies, prior interconnection studies, and other materials useful to an understanding of an interconnection at the proposed interconnection point on the Electric System. The Interconnection Provider shall comply with reasonable requests for such information provided the release of such information is in compliance with the Critical Energy Infrastructure Information as that term is defined in 18 CFR Section 388.113(c) or other applicable confidentiality requirements. The Interconnection Customer shall hold all such information with the applicable level of confidentiality.

- b) The Interconnection Customer shall submit an application to the Interconnection Provider in the form of an Interconnection Request as provided under Appendix B - “Short Form Application for Single Phase Attachment of Parallel Generation Equipment 20 kVA or Smaller to the Electric System” or Appendix C - “Standard Application for Attachment of Parallel Generation Equipment to the Electric System” for single phase equipment larger than 20 kVA or for three-phase equipment of any size. The Interconnection Request shall be date and time stamped upon receipt by the Interconnection Provider. The original date and time stamp applied to the Interconnection Request at the time of its original receipt by the Interconnection Provider shall be accepted as the qualifying date and time stamp for the purposes of any timetable in this Code Part. The Interconnection Provider shall provide a notification of receipt to the Interconnection Customer within 3 business days of receiving the Interconnection Request. The Interconnection Provider will notify the Interconnection Customer within 10 business days of the receipt of the Interconnection Request whether it is complete or incomplete. Notice under this Section may be satisfied by electronic mail (e-mail), facsimile or U.S. Mail.
- c) If the Interconnection Request is incomplete, the Interconnection Provider will provide, along with the notice that the application is incomplete, a list detailing all information that must be provided to complete the Interconnection Request. The Interconnection Customer will have 10 business days after receipt of the notice to submit the listed information or to request an extension of time to provide such information. If the Interconnection Customer does not provide the listed information or a request for an extension of time within the 10 business day deadline, the Interconnection Request will be deemed withdrawn. The Interconnection Request will be complete upon receipt of the listed information by the Interconnection Provider. If the Interconnection Customer requests an extension of time, the Interconnection Customer will have 30 days to provide such information or the Interconnection Request will be deemed withdrawn. [A time limit must be placed on the Interconnection Customer to avoid arbitrary “place-holders” who desire to hold a queue position to the detriment of other customers simply through the submittal of an incomplete Interconnection Request and a subsequent request for an extension.]
- d) Certain Interconnection Requests may require minor modifications while being reviewed by the Interconnection Provider. Such minor modifications to an Interconnection Request shall not require the filing of a new Interconnection Request. Any modification to machine data or equipment configuration or to the interconnection site of the Small Resource not agreed to in writing by the Interconnection Provider and the Interconnection Customer may be deemed a withdrawal of the Interconnection Request and may require submission of a new Interconnection Request. However, when it is mutually agreed that machine data or equipment configuration modifications will have no significant effect on

Formatted	... [88]
Deleted: affected ...s	... [89]
Deleted: an	
Formatted	... [90]
Formatted	... [91]
Deleted: i	
Deleted: p	
Formatted	... [92]
Formatted	... [93]
Deleted: from the...i	... [94]
Formatted	... [95]
Deleted: c	
Formatted	... [96]
Deleted: i	
Deleted: c	
Formatted	... [97]
Deleted: s	
Formatted	... [98]
Formatted	... [99]
Deleted: a particular	
Formatted	... [100]
Deleted: s	
Formatted	... [101]
Deleted: i	
Formatted	... [102]
Deleted: p	
Formatted	... [103]
Deleted: i	
Formatted	... [104]
Deleted: c	
Deleted: i	
Formatted	... [105]
Deleted: p	
Formatted	... [106]
Formatted	... [107]
Deleted: in	
Formatted	... [108]
Deleted: the form in	... [109]
Formatted	... [110]
Deleted: -	
Formatted	... [111]
Deleted: -	
Formatted	... [112]
Deleted: -	
Formatted	... [113]
Deleted: -	
Formatted	... [114]
Deleted: application	
Formatted	... [115]
Deleted: submission for ...i	... [116]
Formatted	... [117]
Deleted: -	
Formatted	... [118]
Formatted	... [119]
Formatted	... [120]
Formatted	... [121]
Formatted	... [122]
Formatted	... [123]

the Small Resource interconnection, the Interconnection Provider will not require the Interconnection Customer to submit a new Interconnection Request.

- e) The Interconnection Provider shall treat the Interconnection Request and any communications concerning the nature of the proposed Small Resource interconnection confidentially. The Interconnection Provider shall not use such knowledge of proposed Small Resource projects submitted to it for interconnection or study to prepare competing proposals to the Interconnection Customer that offer either discounted rates in return for not installing the Small Resource, to offer competing proposals to install Distributed Generation Equipment, or for any purpose other than facilitating the application and interconnection processes. The Interconnection Provider is prohibited from sharing any information about proposed Small Resource interconnections with its affiliates.
- f) The Interconnection Provider shall process all Interconnection Requests in a non-discriminatory manner. Interconnection Requests will be processed in the order that they are received unless, to the extent warranted by Good Utility Practice or upon a request by the Interconnection Customer when the Interconnection Provider has study resources available, the study can be performed out of queue order without detrimental impact on other queued Interconnection Requests.
- g) Documentation of site control must be submitted for the Small Resource along with the Interconnection Request. Site control may be demonstrated through:
- 1) ownership of, a leasehold interest in, or a right to develop a site for the purpose of constructing a Small Resource;
 - 2) an option to purchase or acquire a leasehold site for such purpose; or
 - 3) an exclusivity or other business relationship between a Small Resource and the entity having the right to sell, lease or grant the Small Resource the right to possess or occupy a site for such purpose.

Section XXX.060 Initial Review

Within 15 business days after Interconnection Provider notifies Interconnection Customer that the Interconnection Customer's application is complete, the Interconnection Provider shall perform an initial review of the Interconnection Request using the Primary Screening Criteria set forth in Section XXX.070. The Interconnection Provider shall notify Interconnection Customer of the results of this initial review in accordance with Section XXX.090 and include with the notification copies of the analysis and data underlying the Interconnection Provider's determinations under the screens. Interconnection Providers shall file tariffs that include rates for the initial review. Such rates shall be differentiated by the nameplate capacity of the generator being interconnected and characteristics of the circuit at the proposed point of interconnection.

Section XXX.070 Primary Screening Criteria

The primary screens required in this section include the following:

- a) For interconnection of a Small Resource to a Radial Distribution Circuit, the aggregated generation, including the Small Resource, on the circuit will not exceed 5% of the total circuit annual peak load as most recently measured at the substation.

Deleted: s	
Deleted: r	
Formatted	... [125]
Deleted: i	
Deleted: p	
Formatted	... [126]
Formatted	... [127]
Formatted	... [128]
Deleted: i	
Formatted	... [129]
Deleted: c	
Formatted	... [130]
Deleted: application	
Formatted	... [131]
Deleted: i	
Formatted	... [132]
Deleted: p	
Deleted: application	
Formatted	... [133]
Formatted	... [134]
Deleted: s	
Deleted: r	
Formatted	... [135]
Formatted	... [136]
Deleted: i	
Deleted: p	
Formatted	... [137]
Formatted	... [138]
Deleted: s	
Formatted	... [139]
Deleted: r	
Formatted	... [140]
Deleted: i	
Formatted	... [141]
Deleted: c	
Formatted	... [142]
Deleted: distributed generation	
Formatted	... [143]
Deleted: d	
Formatted	... [144]
Deleted: g	
Formatted	... [145]
Deleted: e	
Formatted	... [146]
Deleted: i	
Formatted	... [147]
Deleted: p	
Formatted	... [148]
Deleted: s	
Formatted	... [149]
Deleted: r	
Formatted	... [150]
Formatted	... [151]
Formatted	... [152]
Formatted	... [153]
Formatted	... [154]
Formatted	... [155]

- b) For interconnection of a Small Resource to the load side of spot network protectors, the Small Resource must utilize an inverter-based equipment package and, together with the aggregated other inverter-based generation, will not exceed the smaller of 5% of a spot network's maximum load or 50 kW.
- c) The Small Resource cannot be connected on the load side of a secondary network protector, except as allowed under (b) above for a spot network.
- d) The Small Resource, in aggregation with other generation on the distribution circuit, will not contribute more than 10% to the distribution circuit's maximum short circuit current at the point on the high voltage (primary) level nearest the proposed point of common coupling.
- e) The Small Resource, in aggregate with other generation on the distribution circuit, will not cause any distribution protective devices and equipment (including but not limited to substation breakers, fuse cutouts, and line reclosers), or Interconnection Customer's Distributed Generation Equipment on the Electric System to exceed 85% of the short circuit interrupting capability; nor is the interconnection proposed for a circuit that already exceeds 85% of the short circuit interrupting capability.
- f) The Small Resource, in aggregate with other generation interconnected to the distribution low voltage side of the substation transformer feeding the distribution circuit where the Interconnection Customer proposes to interconnect the Small Resource, will not exceed 10 MW in an area where there are known or posted transient stability limitations to generating units located in the general electrical vicinity (e.g., 3 or 4 voltage level busses from the point of interconnection).
- g) For interconnection of a single-phase Small Resource where the primary distribution system is three-phase, four-wire, the Small Resource will be connected line-to-neutral. For interconnection of a proposed single-phase Small Resource where the primary distribution system is three-phase, three-wire, the Small Resource will be connected line-to-line.
- h) For interconnection of a three-phase Small Resource to a three-phase four-wire distribution circuit or a distribution circuit having mixed three-wire and four-wire sections, the aggregate generation capacity including the Small Resource will not exceed 10% of line section peak load.
- i) If the Small Resource is to be interconnected on single-phase shared secondary, the aggregate generation capacity on the shared secondary, including the Small Resource, will not exceed 20 kVA.
- j) If the Small Resource is single-phase and is to be interconnected on a center tap neutral of a 240 volt service, its addition will not create an imbalance between the two sides of the 240 volt service of more than 20% of nameplate rating of the service transformer.
- k) The Small Resource's point of common coupling will not be on a transmission line.

Section XXX.080

Secondary Screening Criteria

The Secondary Screening criteria will be performed during the Feasibility/Impact Study process. The secondary screens include the following:

- a) For interconnection of a Small Resource to a Radial Distribution Circuit, the Small Resource's capacity in aggregate with other generation on the circuit will not exceed 15%

Deleted: proposed s	
Formatted	... [157]
Deleted: r	
Formatted	... [158]
Deleted: proposed s	
Formatted	... [159]
Deleted: r	
Formatted	... [160]
Deleted: proposed s	
Formatted	... [161]
Deleted: r	
Formatted	... [162]
Deleted: proposed s	
Formatted	... [163]
Deleted: r	
Formatted	... [164]
Deleted: proposed s	
Formatted	... [165]
Deleted: r	
Formatted	... [166]
Deleted: i	
Formatted	... [167]
Deleted: c	
Formatted	... [168]
Deleted: d	
Formatted	... [169]
Deleted: g	
Formatted	... [170]
Deleted: e	
Formatted	... [171]
Deleted: s	
Formatted	... [172]
Deleted: proposed s	
Formatted	... [173]
Deleted: r	
Formatted	... [174]
Deleted: i	
Formatted	... [175]
Deleted: c	
Formatted	... [176]
Deleted: s	
Formatted	... [177]
Deleted: r	
Formatted	... [178]
Deleted: transmission	
Deleted: proposed ...s	... [179]
Formatted	... [180]
Deleted: r	
Formatted	... [181]
Deleted: s	
Formatted	... [182]
Deleted: r	
Formatted	... [183]
Formatted	... [184]
Formatted	... [185]
Formatted	... [186]
Formatted	... [187]
Formatted	... [188]

of total circuit peak load as most recently measured at the substation; nor will it exceed 15% of a distribution circuit line section annual peak load. A line section is defined as that section of the distribution system between two sectionalizing devices in the area electric power system, as defined in national industry standards.

- b) For interconnection of a Small Resource to the load side of spot network protectors, the Small Resource must utilize an inverter-based equipment package and, together with the aggregated other inverter-based generation, will not exceed the smaller of 5% of a spot network's maximum load or 50 kW and must comply with all requirements of approved industry standards for interconnection technical specifications and requirements.
- c) For the interconnection of a Small Resource to any network, the Small Resource must utilize a protective scheme that will ensure that its current flow will not affect the network protective devices including reverse power relays or a comparable function. Synchronous Small Resources cannot be interconnected to a secondary network.
- d) For interconnection of a Small Resource that is an induction generator or that utilizes inverter-based protective functions, both of which include reverse power relay functions, the Small Resource's total net generating capacity, in aggregate with other small resources interconnected on the load side of network protective devices, does not exceed the lesser of 10% of the minimum load on the network or 50 kW. The Small Resource does not export to any network.
- e) The Small Resource, in aggregation with other generation on the distribution circuit, will not contribute more than 10% to the distribution circuit's maximum fault current at the point on the high voltage (primary) level nearest the proposed Point of Common Coupling.
- f) The Small Resource in aggregate with other generation on the distribution circuit will not cause any distribution equipment, protective devices (including but not limited to substation breakers, fuse cutouts, and line reclosers), or Interconnection Customer Distributed Generation Equipment on the Electric System to exceed 90% of their short circuit interrupting capability; nor is the interconnection proposed for a circuit that already exceeds the 90% short circuit interrupting capability limit.
- g) The Small Resource's Point of Common Coupling will not be on a transmission line.

Section XXX.090 Results of Initial Review

- a) If the initial review determines that the proposed interconnection passes the Primary Screening Criteria, then the Interconnection Customer's Interconnection Request will be approved and the Interconnection Provider will provide the Interconnection Customer with an executable Interconnection Agreement within 5 business days after such determination.

[The remainder of this section has been deleted due to the inability of an Interconnection Provider to perform a review for consistency with to safety, reliability and power quality standards within a 15 day time frame. This type of review requires a Feasibility/Impact Study, which is consistent with the description of such study under Section XXX110].

Section XXX.100 Scoping Meeting

The scoping meeting described herein is available to an Interconnection Customer whose Interconnection Request fails the Primary Screening Criteria and the Interconnection Provider has determined that the Small Resource cannot be interconnected without further study.

Deleted: proposed s	
Deleted: r	
Formatted	... [190]
Formatted	... [191]
Deleted: proposed s	
Formatted	... [192]
Deleted: r	
Formatted	... [193]
Deleted: proposed s	
Formatted	... [194]
Deleted: r	
Formatted	... [195]
Deleted: s	
Formatted	... [196]
Deleted: r	
Formatted	... [197]
Deleted: s	
Deleted: r	
Formatted	... [198]
Formatted	... [199]
Deleted: proposed s	
Deleted: r	
Formatted	... [200]
Formatted	... [201]
Deleted: s	
Deleted: r	
Formatted	... [202]
Formatted	... [203]
Deleted: A s	
Formatted	... [204]
Deleted: r	
Formatted	... [205]
Deleted: proposed s	
Formatted	... [206]
Deleted: r	
Formatted	... [207]
Deleted: p	
Formatted	... [208]
Deleted: c	
Formatted	... [209]
Deleted: c	
Formatted	... [210]
Deleted: proposed s	
Formatted	... [211]
Deleted: r	
Formatted	... [212]
Deleted: i	
Formatted	... [213]
Deleted: c	
Formatted	... [214]
Deleted: e	
Formatted	... [215]
Formatted	... [216]
Formatted	... [217]
Formatted	... [218]
Formatted	... [219]
Formatted	... [220]

- a) At the request of either party, a scoping meeting will be held within 10 business days, or as otherwise mutually agreed to by the parties, after the Interconnection Provider notifies the Interconnection Customer that the Interconnection Request fails the Primary Screening Criteria. The Interconnection Provider and Interconnection Customer will bring to the meeting personnel, including system engineers, and other resources as may be reasonably required to accomplish the purpose of the meeting.
- b) The purpose of the scoping meeting shall be to discuss the Interconnection Customer's Interconnection Request, and review applicable available information, including existing studies, that are relevant to the Interconnection Customer's Interconnection Request. The parties shall further discuss the performance of a Feasibility/Impact Study in accordance with Section XXX.110. If the parties agree that a Feasibility/Impact Study should be performed, the Interconnection Provider will provide the Interconnection Customer, no later than 5 business days after the scoping meeting, a Feasibility/Impact Study Agreement including an outline of the scope of the Study and a cost estimate to perform the study.
- c) The scoping meeting may be omitted by mutual agreement. In order to remain in consideration for interconnection, the Interconnection Customer requesting a Feasibility/Impact Study must return the executed Feasibility/Impact Study Agreement within 15 business days or the Interconnection Request will be deemed withdrawn.

Section XXX.110

Feasibility/Impact Study

The purpose of the Feasibility/Impact Study is to identify whether the Small Resource can be interconnected consistent with safety, reliability, and power quality standards and to identify the effect(s) of interconnecting the Small Resource to the Electric System, including identification of potential Violations, the effect the interconnection would have on system reliability, and to assist in the determination of a cost estimate of any facility modifications required for interconnection.

- a) A deposit of fifty percent of the Interconnection Provider's cost estimate of the Feasibility/Impact Study costs may be required from the Interconnection Customer within 15 business days from the receipt of the Feasibility/Impact Study agreement. Any study fees will include a summary of professional time. An Interconnection Customer must pay the remainder of the Study fees that exceed the deposit within 20 business days of receipt of the invoice or resolution of any dispute. If the deposit exceeds the invoiced fees, the Interconnection Provider will refund the excess amount within 20 business days of the invoice without interest. In performing the Feasibility/Impact Study, the Interconnection Provider shall rely, to extent reasonably practicable, on existing studies of recent vintage. The Interconnection Customer will not be charged for such existing studies; however, the Interconnection Customer will be responsible for charges associated with any new study or modifications to existing studies that are reasonably necessary to perform the Feasibility/Impact Study.
- b) The Feasibility/Impact Study shall analyze the Interconnection Request based on the Secondary Screening Criteria provided under section XXX.080 and shall include the following analyses:
 - 1) Short circuit analysis: including identification of any equipment short circuit capability limits exceeded as a result of the interconnection,
 - 2) Power flow analysis: including identification of any potential thermal overload or voltage limit violations resulting from the interconnection,

Deleted: i	
Formatted	... [222]
Deleted: p	
Formatted	... [223]
Deleted: i	
Formatted	... [224]
Deleted: c	
Formatted	... [225]
Deleted: application	
Formatted	... [226]
Deleted: both ...p	... [227]
Formatted	... [228]
Deleted: and secondary s	
Formatted	... [229]
Deleted: c	
Formatted	... [230]
Deleted: i	
Formatted	... [231]
Deleted: p	
Formatted	... [232]
Deleted: i	
Formatted	... [233]
Deleted: c	
Formatted	... [234]
Deleted: i	
Formatted	... [235]
Deleted: c	
Formatted	... [236]
Deleted: i	
Formatted	... [237]
Deleted: r	
Formatted	... [238]
Deleted: i	
Formatted	... [239]
Deleted: c	
Formatted	... [240]
Deleted: i	
Formatted	... [241]
Deleted: r	
Formatted	... [242]
Deleted: whether the interco	... [243]
Formatted	... [244]
Deleted: f	
Formatted	... [245]
Deleted: i	
Formatted	... [246]
Deleted: s	
Formatted	... [247]
Deleted: f	
Formatted	... [248]
Deleted: i	
Formatted	... [249]
Formatted	... [250]
Formatted	... [251]
Formatted	... [252]
Formatted	... [253]
Formatted	... [254]

- 3) Voltage drop and flicker analysis: Including an examination of the expected magnitude and frequency of occurrence,
 - 4) Protection analysis: Including coordination studies and identification of necessary changes in equipment, coordination set points, and/or grounding requirements as a result of the interconnection, and
 - 5) Cost estimate for any system or facility modifications and a time estimate for completion of such modifications including: a description of all facility and/or system modifications required to interconnect the Small Resource to the Electric System. The Interconnection Provider may also suggest modification(s) to the Interconnection Customer's Distributed Generation Equipment if such modifications would help to address potential Violations. The estimate shall itemize costs to address all potential violations that are a direct result of the interconnection, including short circuit, power flow, voltage, and protection issues.
- c) The Feasibility/Impact Study will consider all generating facilities that, when the Feasibility/Impact Study is performed:
- 1) Are directly interconnected to the Interconnection Provider's transmission system and/or distribution system; or
 - 2) Are interconnected to an Affected System, and may have an impact on the Interconnection Request; and
 - 3) Have a pending higher queued Interconnection Request to interconnect to the Interconnection Provider's transmission and/or the distribution system and are reasonably likely to become operational.
- d) The Feasibility/Impact Study shall consider interconnection of the Small Resource based on its initial indicated purpose in order to aid in any reexamination should the Interconnection Customer later change the purpose.
- e) If so requested by the Interconnection Customer's Interconnection Request, the Feasibility/Impact Study will consider multiple potential points of interconnection at a proposed project site, at the Interconnection Customer's cost.
- f) Within 45 business days from the date an authorized Feasibility/Impact Study Agreement and deposit are received from the Interconnection Customer, the Interconnection Provider shall transmit a Feasibility/Impact Study report to the Interconnection Customer that details the results of the Feasibility/Impact Study.
- 1) In instances where the feasibility/impact study shows no potential for Electric System Violations, the Interconnection Provider will, within 10 business days, send the Interconnection Customer either a Facilities Study Agreement, including an outline of the scope of the study and a cost estimate to perform the study, or an Interconnection Agreement in the event that no Facilities Study is required for interconnection.
 - 2) In instances where a Feasibility/Impact Study shows potential for Electric System Violations, a Facilities Study shall be provided in accordance with Section XXX.120 if so requested by the Interconnection Customer within 5 business days of receipt of the Feasibility/Impact Study report.

Deleted: with a binding max	[256]
Deleted: r	
Formatted	[257]
Deleted: an	
Formatted	[258]
Formatted	[259]
Deleted: e	
Formatted	[260]
Deleted: distribution power	[261]
Formatted	[262]
Deleted: or directly to a hig	[263]
Formatted	[264]
Deleted: i	
Formatted	[265]
Deleted: c	
Formatted	[266]
Deleted: proposed facilities	
Formatted	[267]
Deleted: v	
Formatted	[268]
Deleted: f	
Formatted	[269]
Deleted: i	
Formatted	[270]
Deleted: s	
Formatted	[271]
Deleted: f	
Formatted	[272]
Deleted: i	
Formatted	[273]
Deleted: s	
Formatted	[274]
Deleted: high voltage	
Formatted	[275]
Deleted: electric power	
Deleted: a	
Deleted: s	
Formatted	[276]
Deleted: s...i	[277]
Formatted	[278]
Formatted	[279]
Deleted: r	
Formatted	[280]
Deleted: i	
Formatted	[281]
Deleted: r	
Formatted	[282]
Deleted: high voltage	
Formatted	[283]
Deleted: electric power	
Formatted	[284]
Deleted: A	
Formatted	[285]
Formatted	[286]
Formatted	[287]
Formatted	[288]
Formatted	[289]

3) In instances where the Feasibility/Impact Study shows potential for Affected System Violations and if so requested by the Interconnection Customer within 5 business days of receipt of the Feasibility/Impact Study report, the Interconnection Provider shall:

i) Within 5 business days following the request by the Interconnection Customer, notify the Affected System in accordance with any interconnection notification protocols as provided for in either the Affected System's Open Access Transmission Tariff on file with the FERC, or other such guidelines, as applicable.

ii) [This paragraph provides that the Interconnection Provider will perform an analysis of an Affected System. However, the Interconnection Provider cannot analyze an electric system it does not control. This analysis must be performed by the Affected System.]

iii) The Interconnection Customer shall coordinate and be responsible for any studies required by the Affected System, and shall attempt to convey results of those studies to the Interconnection Provider within 45 business days of receipt. During the period wherein the Interconnection Customer is actively pursuing studies on an Affected System, the Interconnection Provider shall maintain the Interconnection Customer's queue position.

iv) Within 30 days of receipt of the such results, the Interconnection Customer must notify the Interconnection Provider of its intention to proceed. If the Interconnection Customer chooses to proceed, the Interconnection Provider will send the Interconnection Customer a Facilities Study Agreement in accordance with Section XXX.120.

4) If the Interconnection Provider determines that no Electric System modifications are required, the Facilities Study will not be required and the project will proceed directly to the execution of an Interconnection Agreement.

[The original paragraph is not necessary. See the definition of an Affected System.]Facilities Study

Section XXX.120

Facilities Study

The purpose of the Facilities Study is to determine specific modifications to the Electric System necessary to interconnect the Small Resource, and to determine, with accuracy, the cost of those modifications. The Facilities Study may also suggest optional modifications to the Interconnection Customer's proposed Distributed Generation Equipment if the Facilities Study shows that such modifications would reduce interconnection costs or provide other benefits.

A Facilities Study agreement will be transmitted to the Interconnection Customer, if so requested by the Interconnection Customer within 5 business days of receipt of the Feasibility/Impact Study report. The Facilities Study agreement shall include an outline of the scope of the study and a cost estimate to perform the Facilities Study. In order to remain under consideration for interconnection, the Interconnection Customer must return the executed Facilities Study agreement or a request for an extension of time within 10 business days. If the Interconnection Customer requests an extension of time, the Interconnection Customer will have 30 days to return the executed Facilities Study agreement or the Interconnection Request will be deemed withdrawn. The Interconnection Provider may require a deposit of the equivalent of 50% of the estimated cost of the Facilities Study at the time that the Interconnection Customer returns the executed Facilities Study agreement.

Deleted: small resource is t	[... [291]
Formatted	[... [292]
Deleted: i	
Formatted	[... [293]
Deleted: s	
Formatted	[... [294]
Deleted: high voltage trans	[... [295]
Formatted	[... [296]
Deleted: and the interconn	[... [297]
Formatted	[... [298]
Deleted: transmittal of the	[... [299]
Formatted	[... [300]
Deleted: the interconnection	[... [301]
Deleted: Within 5 business	[... [302]
Formatted	[... [303]
Deleted: interconnection customer	
Formatted	[... [304]
Deleted: the transmission impact	
Formatted	[... [305]
Deleted: study	
Formatted	[... [306]
Deleted: customer	
Formatted	[... [307]
Deleted: the ... of the auth	[... [308]
Formatted	[... [309]
Formatted	[... [310]
Deleted: of the transmissio	[... [311]
Formatted	[... [312]
Deleted: c	
Formatted	[... [313]
Deleted: i	
Formatted	[... [314]
Deleted: p	
Formatted	[... [315]
Deleted: i	
Formatted	[... [316]
Deleted: c	
Formatted	[... [317]
Deleted: i	
Formatted	[... [318]
Deleted: p	
Formatted	[... [319]
Deleted: i	
Formatted	[... [320]
Deleted: c	
Formatted	[... [321]
Deleted: f	
Formatted	[... [322]
Deleted: s	
Formatted	[... [323]
Deleted: a	
Formatted	[... [324]
	[... [325]
Formatted	[... [326]
	[... [327]
Formatted	[... [328]
Formatted	[... [329]
	[... [330]
Formatted	[... [331]
Formatted	[... [332]

[This sentence moved to Section XXX.110 (f) (4)]

- a) ~~The identification of any required Electric System modifications or Distributed Generation Equipment modifications will be performed as part of the Facilities Study. The Interconnection Provider may contract with consultants, including contractors acting on behalf of the Interconnection Provider, as appropriate, to perform the bulk of the activities required for the Facilities Study. [This deleted last part of the paragraph pertains to design and construction and is not applicable to the performance of a Facilities Study.]~~
- b) ~~The Facilities Study shall be completed within 45 business days of the receipt of the Facilities Study agreement.~~
- c) ~~Where Electric System modifications or Distributed Generation Equipment modifications are required to permit the interconnection of a Small Resource, the Interconnection Customer will bear the cost of such Electric System modifications or Distributed Generation Equipment modifications as determined by the Facilities Study. [The crediting provision has been deleted because it is not sufficiently addressed and is not appropriate for most Small Resource applications.]~~
- d) ~~An Interconnection Provider may propose to group facilities required for more than one small resource in order to minimize facilities costs through economies of scale, but any Interconnection Customer may require the installation of facilities required for its Small Resource if it is willing to pay the costs of those facilities.~~

Section XXX.130 Compliance

No later than 30 days after the effective date of this Code Part as amended, ~~the Interconnection Provider~~ shall file a tariff or tariffs for interconnection and parallel operation of ~~Distributed Generation Equipment~~ in conformance with the provisions of this Code Part. The ~~Interconnection Provider~~ may file a new tariff or a modification of an existing tariff. Any modifications of existing tariffs or offerings of new tariffs relating to this subsection shall be consistent with this Code Part. Concurrent with the tariff filing in this section, ~~the Interconnection Provider~~ shall submit:

- a) an initial review fee schedule and all supporting cost data for the fees;
- b) an ~~Interconnection Agreement~~ in form of the agreement attached as Appendix A; and
- c) standard applications for interconnection and parallel operation of ~~Distributed Generation Equipment~~ in the form of the attached applications in Appendices B and C.

Section XXX.140 Designation of Interconnection Provider Contact Persons

- a) Each ~~Interconnection Provider~~ shall designate a ~~distributed generation contact~~ person or persons who will serve as the ~~Interconnection Customer's~~ contact for all matters related to ~~the interconnection of Distributed Generation Equipment~~.
- b) Each ~~Interconnection Provider~~ shall identify to the Commission's Director of the Consumer Services Division and the Director of the Energy Division its distributed generation contact person.
- c) Each ~~Interconnection Provider~~ shall provide convenient access through its internet web site to the names, telephone numbers, mailing addresses and electronic mail addresses for its distributed generation contact person.

Formatted	...	[334]
Deleted: High voltage trans	...	[335]
Deleted: design for		
Deleted: interconnection fa	...	[336]
Deleted: s		
Formatted	...	[337]
Formatted	...	[338]
Formatted	...	[339]
Formatted	...	[340]
Deleted: under ...a facilities	...	[341]
Formatted	...	[342]
Deleted: agreement between	...	[343]
Formatted	...	[344]
Deleted: interconnection provider		
Formatted	...	[345]
Deleted: high voltage trans	...	[346]
Formatted	...	[347]
Deleted: p		
Formatted	...	[348]
Deleted: or the electric pow	...	[349]
Formatted	...	[350]
Deleted: facilities study... a	...	[351]
Formatted	...	[352]
Deleted: In some cases, the	...	[353]
Formatted	...	[354]
Deleted: Whether system u	...	[355]
Formatted	...	[356]
Deleted: facilities study		
Formatted	...	[357]
Deleted: must		
Formatted	...	[358]
Deleted: facilities study		
Formatted	...	[359]
Deleted: s		
Formatted	...	[360]
Deleted: additional intercon	...	[361]
Formatted	...	[362]
Deleted: small resource		
Formatted	...	[363]
Deleted: interconnection customer		
Formatted	...	[364]
Deleted: system upgrades	...	[365]
Formatted	...	[366]
Deleted: facilities study... a	...	[367]
Formatted	...	[368]
Deleted: The interconnecti	...	[369]
Formatted	...	[370]
Deleted: interconnection provider		
Formatted	...	[371]
Deleted: interconnection cu	...	[372]
Formatted	...	[373]
Deleted: interconnection customer		
Formatted	...	[374]
Formatted	...	[375]
Formatted	...	[376]
	...	[377]
Formatted	...	[378]
Formatted	...	[379]
Formatted	...	[380]

The Interconnection Provider shall make all reasonable efforts to meet all time frames provided in this Code Part unless the Interconnection Provider and the Interconnection Customer agree to a different schedule. The Interconnection Provider shall make all reasonable efforts to complete Electric System modifications on or before the estimated deadline for completion. If Interconnection Provider cannot meet a deadline provided herein including deadlines provided in agreements, it shall notify the Interconnection Customer in writing no later than three business days after the deadline has passed. The notification shall explain the reason for the failure to meet the deadline and provide an estimated time by which it will complete the applicable interconnection procedure. The Interconnection Provider shall also include the notification as well as any other relevant materials in an informational filing with the Commission no later than seven business days after notification is provided to the Interconnection Customer. Such filing shall be filed with the Chief Clerk's Office and copies shall be sent to the Director of the Consumer Services Division and the Director of the Energy Division.

Section XXX. 155 Technical Requirements for Parallel Operation

a) Introduction

The minimum technical requirements for safe parallel operation of the Small Resource with the Electric System are set forth below. These requirements will serve as a guide for the Interconnection Provider and the Interconnection Customer engineering when planning such an installation; however, it is recognized that each installation may have specific requirements other than those set forth herein as a result of each installation's unique nature.

b) General Technical Requirements

1) Protection

(i) Interconnection Customer shall install protective devices capable of detecting fault conditions on the Distributed Generation Equipment and the Electric System. These devices will separate the Small Resource from the Electric System either directly or through an auxiliary device such as a circuit breaker. The separating device must be capable of interrupting the available fault current. The detection sensitivity and operating speed of these devices must be compatible with protective devices on the Electric System.

(ii) The Interconnection Customer shall install equipment designed to automatically separate his system from the Electric System upon loss of the normal Interconnection Provider supply.

(iii) The Interconnection Customer is responsible for protecting the Distributed Generation Equipment in such a manner that faults or other disturbances on the Electric System or on the Small Resource system do not cause damage to the Distributed Generation Equipment.

(iv) The Interconnection Customer shall furnish information to the Interconnection Provider regarding his proposed Distributed Generation Equipment and protective devices prior to parallel operation. Interconnection Provider will check the adequacy of this proposed equipment and its compatibility with protective devices on the Electric System and will either approve as submitted or specify additional equipment which will be required in order to begin parallel operation with the Electric System.

Deleted: interconnection provider

Deleted: these procedures

Formatted: Font: 10 pt

Formatted: Font: 10 pt

Deleted: interconnection provider

Formatted: Font: 10 pt

Deleted: interconnection customer

Formatted: Font: 10 pt

Deleted: interconnection provider

Formatted: Font: 10 pt

Deleted: s

Formatted ... [382]

Deleted: upgrades

Formatted: Font: 10 pt

Deleted: an interconnection provider

Formatted: Font: 10 pt

Deleted: interconnection customer

Formatted: Font: 10 pt

Deleted: interconnection provider

Formatted: Font: 10 pt

Deleted: interconnection customer

Formatted: Font: 10 pt

Formatted: Font: (Default) Arial

Formatted: Indent: First line: 0.5"

Formatted: Indent: Left: 0.5"

Formatted ... [383]

Formatted: Indent: First line: 0.5"

Formatted: Indent: Left: 0.5", First line: 0.5"

Formatted ... [384]

Formatted: Indent: Left: 1.5"

Formatted ... [385]

Formatted ... [386]

Formatted ... [387]

Formatted ... [388]

(v) All protective relay settings that would affect the Electric System relay settings will be specified by the Interconnection Provider. These relays will be initially calibrated by the Interconnection Provider to assure proper operation.

Formatted ... [389]

(vi) A manual visible disconnect switch must be provided which is under the exclusive jurisdictional control of the Interconnection Provider. This manual switch must have the capability to be locked out of service by the Interconnection Provider.

Formatted ... [390]

(vii) The above statements are the basic minimum protection requirements that would be associated with parallel operation. Additional requirements and/or equipment will depend on the results of the Facilities Study for the proposed connection.

Formatted ... [391]

2) Operation

(i) Under certain conditions the intertie breaker (if one is required) must be operated by the Interconnection Customer in order for the Interconnection Provider to operate the manual disconnect switch. The Interconnection Provider may request this action for any of the following reasons:

Formatted: Indent: Left: 0.5", First line: 0.5"

Formatted ... [392]

Formatted: Indent: Left: 1.5"

Formatted ... [393]

a. System emergency.

Formatted: Font: (Default) Arial

b. Inspection of the Distributed Generating Equipment or protective equipment reveals an unsafe condition.

Formatted: Indent: Left: 2"

Formatted ... [394]

c. the Distributed Generating Equipment interferes with other customers or with the operation of the Electric System.

Formatted ... [395]

d. An outage is scheduled on the Interconnection Provider's supply circuit or feeder.

Formatted ... [396]

(ii) The Interconnection Customer shall be solely responsible for properly synchronizing his generating equipment with the Interconnection Provider's frequency and voltage. This includes resynchronizing his generator(s) after system outages or disturbances.

Formatted: Indent: Left: 1.5"

Formatted ... [397]

3) Quality of Service

(i) The interconnection of the Distributed Generating Equipment with the Electric System shall not cause any reduction in the quality of service being provided to other customers or cause any undesirable effect on any Interconnection Provider facilities. In order to achieve this objective, wave form guidelines presently applicable to the Small Resource and which are measured at the point of interconnection between the utility and the Small Resource are as follows:

Formatted ... [398]

Formatted: Indent: Left: 0.5", First line: 0.5"

Formatted: Indent: Left: 1.5"

Formatted ... [399]

a. The phase unbalance must be less than 1%.

Formatted: Font: (Default) Arial

b. The arithmetic sum of harmonics in the current or voltage must be less than 10%, and

Formatted: Indent: Left: 2"

Formatted: Font: (Default) Arial

c. The root of the sum of the squares of harmonics in the current or voltage must be less than 5%.

Formatted: Font: (Default) Arial

The above lists should be viewed as general guidelines which are subject to change as dictated by experience as well as the unique nature of the Electrical System at each point of interconnection.

(ii) The power factor of the Interconnection Customer's load with his generating equipment connected shall not be less than that specified by the retail tariff for his applicable customer class.

4) Other Requirements

(i) The Small Resource shall adhere to any applicable requirements of the National Electrical Safety Code, the National Electric Code, applicable NEMA codes, OSHA, and Interconnection Provider's Electric Service Rules as set forth in published tariffs.

(ii) The Interconnection Customer will bear all interconnection costs of parallel operation over and above the normal cost to serve his load.

Section XXX.160 Metering

Any metering necessitated by the use of the Small Resource shall be installed in accordance with state regulatory requirements.

Section XXX.170 Installation and Commissioning

- a) Upon execution of an interconnection agreement, the Interconnection Customer shall provide the Interconnection Provider with an estimate of the date on which the Small Resource shall be operational. The estimated date shall be no later than the latter of 18 months following the date that the Interconnection Agreement was executed or 18 months following the date that Electric System modification design was completed by the Interconnection Provider. Installation of the Interconnection Customer's Distributed Generation Equipment shall be as specified in the Interconnection Customer's Interconnection Request and as described in the Interconnection Agreement and in conformance with any study result indicating a need to modify the Interconnection Customer's Distributed Generation Equipment. The Interconnection Customer shall inform the Interconnection Provider in writing when the installation of the Distributed Generation Equipment is complete and the Small Resource is operational. If the Interconnection Customer fails to install and inform the Interconnection Provider within the time frames provided above, the Interconnection Customer must reapply for interconnection before interconnection can take place unless an extension on the deadline to interconnect is mutually agreed to between the Interconnection Customer and the Interconnection Provider.
- b) Commissioning tests of an Interconnection Customer's Small Resource shall be performed pursuant to applicable codes and standards. The Interconnection Provider must be given 10 business days written notice, or as otherwise mutually agreed to by the parties, of the plan to perform such tests and shall be present at a mutually agreed time and date to complete the interconnection, inspect the Interconnection Customer's Distributed Generation Equipment for compliance with applicable codes and standards, and witness the commissioning tests.
- c) If the inspection of the Interconnection Customer's Small Resource does not result in a finding that the Small Resource is in compliance with applicable codes and standards or the executed agreement, the Interconnection Provider shall provide written notification to

Formatted	...	[400]
Formatted	...	[401]
Formatted	...	[402]
Formatted	...	[403]
Formatted	...	[404]
Formatted	...	[405]
Formatted	...	[406]
Formatted	...	[407]
Formatted	...	[408]
Formatted	...	[409]
Deleted: small resource		
Formatted	...	[410]
Deleted: interconnection customer		
Formatted	...	[411]
Deleted: interconnection provider		
Formatted	...	[412]
Deleted: installation of	...	[413]
Formatted	...	[414]
Deleted: completed		
Formatted	...	[415]
Deleted: i		
Formatted	...	[416]
Deleted: a		
Formatted	...	[417]
Deleted: s		
Formatted	...	[418]
Deleted: or facility ...s	...	[419]
Formatted	...	[420]
Deleted: were		
Formatted	...	[421]
Deleted: interconnection provider		
Formatted	...	[422]
Deleted: interconnection customer		
Formatted	...	[423]
Deleted: d		
Formatted	...	[424]
Deleted: g		
Formatted	...	[425]
Deleted: e		
Formatted	...	[426]
Deleted: completed ...stand	...	[427]
Formatted	...	[428]
Deleted: ies		
Formatted	...	[429]
Deleted: interconnection customer		
Formatted	...	[430]
Deleted: d		
Formatted	...	[431]
Deleted: g		
Formatted	...	[432]
Deleted: e		
Formatted	...	[433]
Formatted	...	[434]
Formatted	...	[435]
Formatted	...	[436]
Formatted	...	[437]
Formatted	...	[438]

the Interconnection Customer explaining why the Small Resource was not in compliance. Once the Interconnection Customer has addressed the non-compliance in the notification, the Interconnection Customer shall provide the Interconnection Provider with 10 business days notice, unless otherwise mutually agreed to between Interconnection Customer and Interconnection Provider, that it is prepared for another inspection at a mutually agreed time and date.

Section XXX.180

Reporting Requirements

Each Interconnection Provider shall maintain records concerning Interconnection Requests received for interconnection of Small Resources. Such records will include the date each Interconnection Request is received, documents generated in the course of processing each Interconnection Request, correspondence regarding each Interconnection Request, and the final disposition of each Interconnection Request.

Deleted: interconnection customer

Formatted: Font: 10 pt

Deleted: generation equipment

Formatted: Font: 10 pt

Deleted: interconnection customer

Formatted: Font: 10 pt

Deleted: interconnection customer

Formatted: Font: 10 pt

Deleted: interconnection provider

Formatted: Font: 10 pt

Deleted: interconnection customer

Formatted: Font: 10 pt

Deleted: interconnection provider

Formatted: Font: 10 pt

Formatted: Font: 10 pt

Deleted: interconnection provider

Formatted: Font: 10 pt

Deleted: applications

Formatted: Font: 10 pt

Deleted: and parallel operation of distributed generation

Formatted: Font: 10 pt

Deleted: application

Formatted: Font: 10 pt

Deleted: application

Formatted: Font: 10 pt

Deleted: application

Formatted: Font: 10 pt

Deleted: application

Formatted: Font: 10 pt

Section XXX.190 Complaint Procedures

Complaints alleging violations of Code Part XXX shall be filed pursuant to 83 Ill. Adm. Code 200.

Page 2: [1] Deleted	Q35526	1/20/2004 1:56 PM
Disconnect Switch – a mechanical device used for isolating a circuit or distributed generation equipment from a source of power.		
Page 2: [2] Formatted	Q35526	1/22/2004 12:19 PM
Font: 10 pt		
Page 2: [2] Formatted	Q35526	1/22/2004 12:19 PM
Font: 10 pt		
Page 2: [3] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 2: [4] Deleted	Q35526	1/22/2004 11:02 AM
small resource		
Page 2: [4] Deleted	Q35526	1/20/2004 1:50 PM
s		
Page 2: [5] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 2: [6] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 2: [6] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 2: [7] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 2: [8] Deleted	Q35526	1/20/2004 1:56 PM
high voltage transmission or		
Page 2: [8] Deleted	Q35526	1/20/2004 1:56 PM
distribution		
Page 2: [8] Deleted	Q35526	1/20/2004 1:58 PM
distributed generation equipment		
Page 2: [9] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 2: [9] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 2: [10] Deleted	Q35526	1/20/2004 2:00 PM
The Facilities Study may also include suggested changes to the Interconnection Customer's proposed distributed generation equipment if the interconnection customer believes such changes would reduce interconnection costs.		
Page 2: [11] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 2: [11] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 2: [11] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 2: [11] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 2: [12] Formatted	Q35526	1/15/2004 7:25 AM

Font: 10 pt

Page 2: [13] Deleted	Q35526	1/20/2004 2:01 PM
high voltage transmission or e		
Page 2: [14] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 2: [15] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 2: [16] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 2: [17] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 2: [18] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 2: [19] Deleted	Q35526	1/20/2004 2:02 PM
. The feasibility/impact study also estimates		
Page 2: [20] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 2: [21] Deleted	Q35526	1/14/2004 9:09 AM
responsible with members in 150 countries, responsible for technical publishing, conferences, and consensus-based standards activities		
Page 2: [22] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 2: [23] Deleted	Q35526	1/20/2004 2:06 PM
distributed generation resources		
Page 2: [24] Deleted	Q35526	1/22/2004 1:03 PM
an interconnection provider's		
Page 2: [25] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 2: [25] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 2: [26] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 2: [27] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 2: [28] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 2: [29] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 2: [30] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 2: [31] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 2: [32] Formatted	Q35526	1/15/2004 7:25 AM

Font: 10 pt

Page 2: [32] Formatted	Q35526	1/15/2004 7:25 AM
-------------------------------	---------------	--------------------------

Font: 10 pt

Page 2: [32] Formatted	Q35526	1/15/2004 7:25 AM
-------------------------------	---------------	--------------------------

Font: 10 pt

Page 2: [32] Formatted	Q35526	1/15/2004 7:25 AM
-------------------------------	---------------	--------------------------

Font: 10 pt

Page 2: [32] Formatted	Q35526	1/15/2004 7:25 AM
-------------------------------	---------------	--------------------------

Font: 10 pt

Page 2: [33] Formatted	Q35526	1/15/2004 7:25 AM
-------------------------------	---------------	--------------------------

Font: 10 pt

Page 2: [34] Deleted	Q35526	1/20/2004 2:09 PM
-----------------------------	---------------	--------------------------

Islanding – a condition in which a portion of the interconnection provider’s system that contains both load and a small resource is isolated from the remainder of the interconnection customer’s system.

Page 2: [35] Formatted	Q35526	1/15/2004 7:25 AM
-------------------------------	---------------	--------------------------

Font: 10 pt

Page 2: [35] Formatted	Q35526	1/22/2004 12:19 PM
-------------------------------	---------------	---------------------------

Font: 10 pt

Page 2: [35] Formatted	Q35526	1/15/2004 7:25 AM
-------------------------------	---------------	--------------------------

Font: 10 pt

Page 2: [36] Deleted	Q35526	1/14/2004 9:18 AM
-----------------------------	---------------	--------------------------

(PCC)

Page 2: [36] Deleted	Q35526	1/20/2004 2:09 PM
-----------------------------	---------------	--------------------------

interconnection provider’s

Page 2: [37] Formatted	Q35526	1/15/2004 7:25 AM
-------------------------------	---------------	--------------------------

Font: 10 pt

Page 2: [38] Formatted	Q35526	1/15/2004 7:25 AM
-------------------------------	---------------	--------------------------

Font: 10 pt

Page 2: [39] Deleted	Q35526	1/20/2004 2:09 PM
-----------------------------	---------------	--------------------------

interconnection customer’s

Page 2: [39] Deleted	Q35526	1/20/2004 2:09 PM
-----------------------------	---------------	--------------------------

distributed generation equipment

Page 2: [40] Formatted	Q35526	1/15/2004 7:25 AM
-------------------------------	---------------	--------------------------

Font: 10 pt

Page 2: [41] Formatted	Q35526	1/15/2004 7:25 AM
-------------------------------	---------------	--------------------------

Font: 10 pt

Page 2: [42] Formatted	Q35526	1/15/2004 7:25 AM
-------------------------------	---------------	--------------------------

Font: 10 pt

Page 2: [43] Formatted	Q35526	1/15/2004 7:25 AM
-------------------------------	---------------	--------------------------

Font: 10 pt

Page 2: [44] Deleted	Q35526	1/20/2004 2:10 PM
-----------------------------	---------------	--------------------------

Short Circuit Contribution – the result of dividing the maximum short circuit contribution of the small resources(s) by the short circuit contribution available from the Company system without the small resource(s), converted to a percentage.

Page 2: [45] Formatted	Q35526	1/22/2004 12:20 PM
Font: 10 pt		
Page 2: [45] Formatted	Q35526	1/22/2004 12:20 PM
Font: 10 pt		
Page 2: [45] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 2: [46] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 3: [47] Deleted	Q35526	1/20/2004 2:10 PM
UL –Underwriters Laboratory, Inc., an independent, not-for-profit product safety testing and certification organization operating in Canada, Europe, Asia, Latin America, and the U.S.A.		
Page 3: [48] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 3: [48] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 3: [49] Deleted	Q35526	1/20/2004 2:10 PM
Utility Grade Relay - a relay that is constructed to comply with, as a minimum, the most current version of the industry standards for non-nuclear interconnection provider facilities.		
Page 3: [50] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 3: [50] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 3: [51] Deleted	Q35526	1/20/2004 2:10 PM
Verification Test - a test performed upon initial installation and repeated periodically to determine that there is continued acceptable performance.		
Page 3: [52] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 3: [52] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 3: [53] Deleted	Q35526	1/20/2004 2:11 PM
a high voltage transmission or power distribution		
Page 3: [54] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 3: [54] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 3: [55] Deleted	Q35526	1/20/2004 2:22 PM
distributed generation equipment		
Page 3: [55] Deleted	Q35526	1/20/2004 2:25 PM
in order to give all Illinois electric customers the ability to utilize distributed generation equipment, to provide cost savings and reliability benefits to customers		
Page 3: [56] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 3: [57] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		

Page 3: [57] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 3: [58] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 3: [59] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 3: [60] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 3: [60] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 3: [61] Deleted	Q35526	1/20/2004 2:26 PM
and economic efficiency in the production and consumption of electricity		
Page 3: [62] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 3: [63] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 3: [64] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 3: [65] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 3: [66] Deleted	Q35526	1/20/2004 2:26 PM
in order to provide electric system benefits during periods of capacity constraints		
Page 3: [67] Deleted	Q35526	1/20/2004 2:27 PM
Page 3: [68] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 3: [69] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 3: [70] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 3: [71] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 3: [72] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 3: [73] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 3: [74] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 3: [74] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 3: [75] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		

Page 3: [76] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 3: [77] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 3: [78] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 3: [79] Deleted or high voltage transmission system	Q35526	1/20/2004 2:28 PM
Page 3: [80] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 3: [80] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 3: [81] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 3: [82] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 3: [83] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 3: [84] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 3: [84] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 3: [85] Deleted power transmission or distribution s	Q35526	1/14/2004 9:59 AM
Page 3: [86] Deleted s	Q35526	1/20/2004 2:31 PM
Page 3: [86] Deleted these procedures	Q35526	1/20/2004 2:31 PM
Page 3: [87] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 4: [88] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 4: [89] Deleted affected	Q35526	1/22/2004 8:47 AM
Page 4: [89] Deleted s	Q35526	1/22/2004 8:47 AM
Page 4: [90] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 4: [90] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 4: [91] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 4: [92] Formatted	Q35526	1/15/2004 7:25 AM

Font: 10 pt

Page 4: [93] Formatted	Q35526	1/15/2004 7:25 AM
-------------------------------	---------------	--------------------------

Font: 10 pt

Page 4: [93] Formatted	Q35526	1/15/2004 7:25 AM
-------------------------------	---------------	--------------------------

Font: 10 pt

Page 4: [93] Formatted	Q35526	1/15/2004 7:25 AM
-------------------------------	---------------	--------------------------

Font: 10 pt

Page 4: [94] Deleted	Q35526	1/14/2004 10:27 AM
-----------------------------	---------------	---------------------------

from the

Page 4: [94] Deleted	Q35526	1/22/2004 8:48 AM
-----------------------------	---------------	--------------------------

i

Page 4: [95] Formatted	Q35526	1/15/2004 7:25 AM
-------------------------------	---------------	--------------------------

Font: 10 pt

Page 4: [96] Formatted	Q35526	1/15/2004 7:25 AM
-------------------------------	---------------	--------------------------

Font: 10 pt

Page 4: [97] Formatted	Q35526	1/15/2004 7:25 AM
-------------------------------	---------------	--------------------------

Font: 10 pt

Page 4: [98] Formatted	Q35526	1/15/2004 7:25 AM
-------------------------------	---------------	--------------------------

Font: 10 pt

Page 4: [98] Formatted	Q35526	1/15/2004 7:25 AM
-------------------------------	---------------	--------------------------

Font: 10 pt

Page 4: [99] Formatted	Q35526	1/15/2004 7:25 AM
-------------------------------	---------------	--------------------------

Font: 10 pt

Page 4: [100] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 4: [101] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 4: [102] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 4: [103] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 4: [103] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt, Not Bold

Page 4: [103] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 4: [103] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 4: [104] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 4: [105] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 4: [106] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 4: [107] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 4: [108] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 4: [109] Deleted	Q35526	1/22/2004 8:59 AM
------------------------------	---------------	--------------------------

the form in

Page 4: [109] Deleted	Q35526	1/14/2004 10:39 AM
------------------------------	---------------	---------------------------

a

Page 4: [109] Deleted	Q35526	1/22/2004 8:59 AM
------------------------------	---------------	--------------------------

Applications

Page 4: [110] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 4: [111] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 4: [112] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 4: [113] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 4: [114] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 4: [115] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 4: [116] Deleted	Q35526	1/14/2004 10:03 AM
------------------------------	---------------	---------------------------

submission for

Page 4: [116] Deleted	Q35526	1/14/2004 10:03 AM
------------------------------	---------------	---------------------------

i

Page 4: [116] Deleted	Q35526	1/22/2004 1:12 PM
------------------------------	---------------	--------------------------

-

Page 4: [117] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 4: [118] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 4: [119] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 4: [120] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 4: [121] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 4: [122] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 4: [123] Deleted	Q35526	1/22/2004 8:51 AM
------------------------------	---------------	--------------------------

interconnection customer's application

Page 4: [124] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 5: [125] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 5: [126] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 5: [127] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 5: [128] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 5: [129] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 5: [130] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 5: [131] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 5: [132] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 5: [133] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 5: [134] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 5: [134] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 5: [135] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 5: [136] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 5: [137] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 5: [138] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 5: [139] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 5: [140] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 5: [141] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 5: [142] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 5: [143] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		

Page 5: [144] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 5: [145] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 5: [146] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 5: [147] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 5: [148] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 5: [149] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 5: [150] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 5: [151] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 5: [152] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 5: [153] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 5: [154] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 5: [154] Formatted	Q35526	1/22/2004 9:21 AM
Font: Arial, 10 pt		
Page 5: [154] Formatted	Q35526	1/22/2004 9:21 AM
Font: Arial, 10 pt		
Page 5: [154] Formatted	Q35526	1/22/2004 9:21 AM
Font: 10 pt		
Page 5: [155] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 5: [155] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 5: [156] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 6: [157] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 6: [158] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 6: [159] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 6: [160] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		

Page 6: [161] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 6: [162] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 6: [163] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 6: [164] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 6: [165] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 6: [166] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 6: [167] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 6: [168] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 6: [168] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 6: [169] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 6: [170] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 6: [171] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 6: [172] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 6: [172] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 6: [173] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 6: [174] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 6: [175] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 6: [176] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 6: [177] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 6: [178] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 6: [179] Deleted proposed	Q35526	1/22/2004 9:38 AM

Page 6: [179] Deleted s	Q35526	1/22/2004 9:38 AM
Page 6: [180] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 6: [181] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 6: [182] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 6: [183] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 6: [184] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 6: [185] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 6: [186] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 6: [187] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 6: [188] Deleted proposed	Q35526	1/22/2004 9:39 AM
Page 6: [188] Deleted s	Q35526	1/22/2004 9:39 AM
Page 6: [189] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 7: [190] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 7: [191] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 7: [192] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 7: [193] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 7: [194] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 7: [195] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 7: [196] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 7: [197] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 7: [198] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 7: [199] Formatted	Q35526	1/15/2004 7:25 AM

Font: 10 pt

Page 7: [200] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 7: [201] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 7: [202] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 7: [203] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 7: [204] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 7: [205] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 7: [206] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 7: [207] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 7: [208] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 7: [209] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 7: [210] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 7: [211] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 7: [212] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 7: [213] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 7: [214] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 7: [215] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 7: [215] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 7: [216] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 7: [217] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 7: [218] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 7: [219] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 7: [220] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 7: [221] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 8: [222] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 8: [223] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 8: [224] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 8: [225] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 8: [226] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 8: [227] Deleted	Q35526	1/22/2004 9:58 AM
------------------------------	---------------	--------------------------

both

Page 8: [227] Deleted	Q35526	1/22/2004 9:58 AM
------------------------------	---------------	--------------------------

p

Page 8: [228] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 8: [229] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 8: [230] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 8: [231] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 8: [232] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 8: [233] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 8: [234] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 8: [235] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 8: [236] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 8: [237] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 8: [238] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 8: [238] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 8: [238] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 8: [239] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 8: [240] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 8: [241] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 8: [242] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 8: [243] Deleted	Q35526	1/22/2004 10:00 AM
whether the interconnection provider should		

Page 8: [244] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 8: [244] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 8: [245] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 8: [246] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 8: [247] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 8: [248] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 8: [249] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 8: [250] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 8: [251] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 8: [252] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 8: [253] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 8: [253] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 8: [254] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 8: [255] Formatted	Q35526	1/15/2004 7:25 AM
--------------------------------	---------------	--------------------------

Font: 10 pt

Page 9: [256] Deleted	Q35526	1/22/2004 10:12 AM
------------------------------	---------------	---------------------------

with a binding maximum value

Page 9: [256] Deleted s	Q35526	1/22/2004 10:12 AM
Page 9: [257] Formatted Font: 10 pt	Q35526	1/22/2004 10:10 AM
Page 9: [258] Formatted Font: 10 pt	Q35526	1/22/2004 10:10 AM
Page 9: [259] Formatted Font: 10 pt	Q35526	1/22/2004 10:10 AM
Page 9: [260] Formatted Font: 10 pt	Q35526	1/22/2004 10:10 AM
Page 9: [261] Deleted distribution power	Q35526	1/22/2004 10:12 AM
Page 9: [261] Deleted s	Q35526	1/22/2004 10:12 AM
Page 9: [262] Formatted Font: 10 pt	Q35526	1/22/2004 10:10 AM
Page 9: [263] Deleted or directly to a high voltage transmission system	Q35526	1/22/2004 10:10 AM
Page 9: [263] Deleted p	Q35526	1/22/2004 10:11 AM
Page 9: [264] Formatted Font: 10 pt	Q35526	1/22/2004 10:10 AM
Page 9: [265] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 9: [266] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 9: [267] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 9: [268] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 9: [269] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 9: [270] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 9: [271] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 9: [272] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 9: [273] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 9: [274] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM

Page 9: [275] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 9: [276] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 9: [276] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 9: [277] Deleted	Q35526	1/22/2004 10:14 AM
s		
Page 9: [277] Deleted	Q35526	1/22/2004 10:14 AM
i		
Page 9: [278] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 9: [279] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 9: [280] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 9: [281] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 9: [282] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 9: [283] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 9: [284] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 9: [285] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 9: [286] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 9: [287] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 9: [288] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 9: [289] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 9: [290] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 10: [291] Deleted	Q35526	1/22/2004 10:37 AM
small resource is to be connected to the interconnection provider's distribution system, but the f		
Page 10: [292] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 10: [293] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		

Page 10: [294] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 10: [295] Deleted	Q35526	1/14/2004 1:13 PM
high voltage transmission system		
Page 10: [295] Deleted	Q35526	1/22/2004 10:38 AM
v		
Page 10: [296] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 10: [297] Deleted	Q35526	1/14/2004 1:14 PM
and the interconnection provider does not operate the high voltage transmission system:		
Page 10: [298] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 10: [298] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 10: [299] Deleted	Q35526	1/22/2004 10:46 AM
transmittal of the feasibility/impact study rep		
Page 10: [299] Deleted	Q35526	1/22/2004 10:46 AM
ort,		
Page 10: [300] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 10: [300] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 10: [301] Deleted	Q35526	1/22/2004 10:46 AM
the interconnection provider shall		
Page 10: [301] Deleted	Q35526	1/14/2004 1:14 PM
appropriate high voltage transmission service provider		
Page 10: [301] Deleted	Q35526	1/14/2004 1:14 PM
high voltage transmission provider's		
Page 10: [302] Deleted	Q35526	1/22/2004 10:53 AM
Within 5 business days the interconnection provider shall send the interconnection customer a transmission impact study agreement, including an outline of the scope of the study and a binding maximum estimate of the cost to perform the study. In order to remain under consideration for interconnection, the interconnection customer must return an executed transmission impact study agreement and a deposit of the equivalent of half the estimated cost of the impact study within 30 business days. Interconnection customers must pay any study costs that exceed the deposit within 20 business days of receipt of the invoice or resolution of any dispute up to the binding maximum cost estimate. If the deposit exceeds the invoiced costs, interconnection provider will return such excess within 20 business days of the invoice without interest.		
Page 10: [303] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 10: [304] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		

Page 10: [305] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 10: [305] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 10: [306] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 10: [306] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 10: [307] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 10: [308] Deleted the	Q35526	1/22/2004 10:52 AM
Page 10: [308] Deleted of the authorized transmission impact study agreement and deposit.	Q35526	1/22/2004 10:48 AM
Page 10: [309] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 10: [309] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 10: [310] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 10: [311] Deleted of the transmission impact study	Q35526	1/22/2004 10:51 AM
Page 10: [311] Deleted i	Q35526	1/22/2004 10:51 AM
Page 10: [312] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 10: [313] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 10: [314] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 10: [315] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 10: [316] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 10: [317] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 10: [318] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 10: [319] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 10: [320] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 10: [321] Formatted	Q35526	1/15/2004 7:25 AM

Font: 10 pt

Page 10: [322] Formatted	Q35526	1/15/2004 7:25 AM
---------------------------------	---------------	--------------------------

Font: 10 pt

Page 10: [323] Formatted	Q35526	1/15/2004 7:25 AM
---------------------------------	---------------	--------------------------

Font: 10 pt

Page 10: [324] Formatted	Q35526	1/15/2004 7:25 AM
---------------------------------	---------------	--------------------------

Font: 10 pt

Page 10: [325] Deleted	Q35526	1/22/2004 10:57 AM
-------------------------------	---------------	---------------------------

Where high voltage transmission systems and electric power distribution systems have separate owners, such as is the case with transmission-dependent utilities (“TDUs”)--whether investor-owned or not, the interconnection customers may apply to the nearest high voltage transmission provider (Transmission Owner, Regional Transmission Operator, Independent Transmission interconnection customer, or Independent Transmission Provider) providing transmission service to the TDU to request project coordination if that high voltage transmission provider is notified in accordance with interconnection notification protocols as provided for in the high voltage transmission provider’s open access transmission tariff on file with the FERC. In such cases, the interconnection provider shall be provided a copy of the transmission impact study report, but shall not be responsible to coordinate the transmission impact study.

- 1) Within 30 days of receipt of the results of the transmission impact study, the interconnection customer must notify the interconnection provider of its intention to proceed. If the interconnection customer chooses to proceed, the interconnection provider will send the interconnection customer a facilities study

Page 10: [326] Formatted	Q35526	1/15/2004 7:25 AM
---------------------------------	---------------	--------------------------

Font: 10 pt

Page 10: [327] Deleted	Q35526	1/22/2004 10:57 AM
-------------------------------	---------------	---------------------------

agreement in accordance with Section XXX.120.

Page 10: [328] Formatted	Q35526	1/15/2004 7:25 AM
---------------------------------	---------------	--------------------------

Font: 10 pt

Page 10: [329] Formatted	Q35526	1/15/2004 7:25 AM
---------------------------------	---------------	--------------------------

Font: 10 pt

Page 10: [330] Deleted	Q35526	1/14/2004 2:47 PM
-------------------------------	---------------	--------------------------

high voltage transmission or electric distribution system(s)

Page 10: [331] Formatted	Q35526	1/15/2004 7:25 AM
---------------------------------	---------------	--------------------------

Font: 10 pt

Page 10: [332] Formatted	Q35526	1/15/2004 7:25 AM
---------------------------------	---------------	--------------------------

Font: 10 pt

Page 10: [333] Formatted	Q35526	1/15/2004 7:25 AM
---------------------------------	---------------	--------------------------

Font: 10 pt

Page 11: [334] Formatted	Q35526	1/15/2004 7:25 AM
---------------------------------	---------------	--------------------------

Font: 10 pt

Page 11: [335] Deleted	Q35526	1/14/2004 2:48 PM
-------------------------------	---------------	--------------------------

High voltage transmission system and/or electric power distribution system interconnection

Page 11: [336] Deleted	Q35526	1/22/2004 11:20 AM
-------------------------------	---------------	---------------------------

interconnection facilities and/or

Page 11: [337] Formatted	Q35526	1/15/2004 7:25 AM
---------------------------------	---------------	--------------------------

Font: 10 pt

Page 11: [338] Formatted	Q35526	1/15/2004 7:25 AM
---------------------------------	---------------	--------------------------

Font: 10 pt

Page 11: [339] Formatted	Q35526	1/15/2004 7:25 AM
---------------------------------	---------------	--------------------------

Font: 10 pt

Page 11: [340] Formatted	Q35526	1/15/2004 7:25 AM
---------------------------------	---------------	--------------------------

Font: 10 pt

Page 11: [340] Formatted	Q35526	1/15/2004 7:25 AM
---------------------------------	---------------	--------------------------

Font: 10 pt

Page 11: [341] Deleted	Q35526	1/22/2004 11:51 AM
-------------------------------	---------------	---------------------------

under

Page 11: [341] Deleted	Q35526	1/22/2004 11:20 AM
-------------------------------	---------------	---------------------------

a facilities study

Page 11: [342] Formatted	Q35526	1/15/2004 7:25 AM
---------------------------------	---------------	--------------------------

Font: 10 pt

Page 11: [342] Formatted	Q35526	1/15/2004 7:25 AM
---------------------------------	---------------	--------------------------

Font: 10 pt

Page 11: [343] Deleted	Q35526	1/22/2004 11:20 AM
-------------------------------	---------------	---------------------------

agreement between the interconnection customer and the interconnection provider.

Page 11: [344] Formatted	Q35526	1/15/2004 7:25 AM
---------------------------------	---------------	--------------------------

Font: 10 pt

Page 11: [345] Formatted	Q35526	1/15/2004 7:25 AM
---------------------------------	---------------	--------------------------

Font: 10 pt

Page 11: [346] Deleted	Q35526	1/14/2004 2:48 PM
-------------------------------	---------------	--------------------------

high voltage transmission service

Page 11: [347] Formatted	Q35526	1/15/2004 7:25 AM
---------------------------------	---------------	--------------------------

Font: 10 pt

Page 11: [348] Formatted	Q35526	1/15/2004 7:25 AM
---------------------------------	---------------	--------------------------

Font: 10 pt

Page 11: [349] Deleted	Q35526	1/22/2004 11:21 AM
-------------------------------	---------------	---------------------------

or the electric power distribution service provider

Page 11: [349] Deleted	Q35526	1/22/2004 11:22 AM
-------------------------------	---------------	---------------------------

under

Page 11: [350] Formatted	Q35526	1/15/2004 7:25 AM
---------------------------------	---------------	--------------------------

Font: 10 pt

Page 11: [351] Deleted	Q35526	1/22/2004 11:01 AM
-------------------------------	---------------	---------------------------

facilities study

Page 11: [351] Deleted	Q35526	1/22/2004 11:22 AM
-------------------------------	---------------	---------------------------

agreement

Page 11: [352] Formatted	Q35526	1/15/2004 7:25 AM
---------------------------------	---------------	--------------------------

Font: 10 pt

Page 11: [353] Deleted	Q35526	1/22/2004 12:03 PM
-------------------------------	---------------	---------------------------

In some cases, the interconnection customer and the interconnection provider may reach agreement allowing the interconnection customer to separately arrange for the design of

some of the required high voltage transmission or electric power distribution interconnection facilities. In such cases, facility design will be reviewed and/or modified prior to acceptance by the interconnection provider, under the provisions of the facilities study agreement. If the parties agree to separately arrange for design and construction, interconnection providers shall make sufficient information available to the interconnection customer to permit the interconnection customer to obtain an independent design and cost estimate for any necessary facilities.

Page 11: [354] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 11: [355] Deleted	Q35526	1/22/2004 11:26 AM
Whether system upgrades are required or the required facilities are limited to interconnection facilities, t		
Page 11: [356] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 11: [357] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 11: [358] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 11: [359] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 11: [360] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 11: [360] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 11: [361] Deleted	Q35526	1/22/2004 12:05 PM
additional interconnection facilities		
Page 11: [362] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 11: [363] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 11: [364] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 11: [365] Deleted	Q35526	1/22/2004 12:06 PM
system upgrades or interconnection facilities		
Page 11: [366] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 11: [367] Deleted	Q35526	1/22/2004 11:01 AM
facilities study		
Page 11: [367] Deleted	Q35526	1/22/2004 12:06 PM
and at no more than the estimated binding maximum cost provided for in the facilities study agreement		
Page 11: [368] Formatted	Q35526	1/22/2004 12:07 PM
Font: 10 pt		
Page 11: [369] Deleted	Q35526	1/22/2004 12:07 PM

The interconnection customer may be credited for the cost of system or facility modifications or such costs may be offset by mutual agreement with subsequent interconnection customers, or by other laws, rules, tariffs, or billing experiments.

Page 11: [370] Formatted	Q35526	1/22/2004 12:07 PM
Font: 10 pt		
Page 11: [370] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 11: [371] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 11: [372] Deleted	Q35526	1/22/2004 11:06 AM
interconnection customer addition		
Page 11: [373] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 11: [374] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 11: [375] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 11: [376] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 11: [377] Deleted	Q35526	1/22/2004 12:10 PM
each interconnection provider		
Page 11: [378] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 11: [379] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 11: [380] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 11: [381] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 12: [382] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 12: [382] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 12: [383] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		
Page 12: [383] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		
Page 12: [383] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		
Page 12: [383] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		
Page 12: [383] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		

Page 12: [384] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		
Page 12: [384] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		
Page 12: [385] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		
Page 12: [385] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		
Page 12: [385] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		
Page 12: [385] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		
Page 12: [385] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		
Page 12: [385] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		
Page 12: [385] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		
Page 12: [386] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		
Page 12: [386] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		
Page 12: [386] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		
Page 12: [386] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		
Page 12: [387] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		
Page 12: [387] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		
Page 12: [387] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		
Page 12: [388] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		
Page 12: [388] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		
Page 12: [388] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		
Page 12: [388] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		

Page 13: [389] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		
Page 13: [389] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		
Page 13: [389] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		
Page 13: [389] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		
Page 13: [389] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		
Page 13: [390] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		
Page 13: [390] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		
Page 13: [390] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		
Page 13: [390] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		
Page 13: [391] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		
Page 13: [391] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		
Page 13: [391] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		
Page 13: [391] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		
Page 13: [391] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		
Page 13: [391] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		
Page 13: [392] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		
Page 13: [392] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		
Page 13: [393] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		
Page 13: [393] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		

Page 13: [393] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		
Page 13: [393] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		
Page 13: [394] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		
Page 13: [394] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		
Page 13: [395] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		
Page 13: [395] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		
Page 13: [395] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		
Page 13: [396] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		
Page 13: [396] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		
Page 13: [397] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		
Page 13: [397] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		
Page 13: [397] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		
Page 13: [398] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		
Page 13: [398] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		
Page 13: [399] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		
Page 14: [400] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		
Page 14: [401] Formatted	Q35526	1/27/2004 11:11 AM
Indent: Left: 1.5"		
Page 14: [402] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		
Page 14: [402] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		
Page 14: [402] Formatted	Q35526	1/27/2004 10:46 AM
Font: (Default) Arial		
Page 14: [403] Formatted	Q35526	1/27/2004 10:45 AM
Indent: Left: 0.5", First line: 0.5"		

Page 14: [404] Formatted Font: (Default) Arial	Q35526	1/27/2004 10:46 AM
Page 14: [404] Formatted Font: (Default) Arial	Q35526	1/27/2004 10:46 AM
Page 14: [405] Formatted Indent: Left: 1.5"	Q35526	1/27/2004 10:45 AM
Page 14: [406] Formatted Font: (Default) Arial	Q35526	1/27/2004 10:46 AM
Page 14: [406] Formatted Font: (Default) Arial	Q35526	1/27/2004 10:46 AM
Page 14: [406] Formatted Font: (Default) Arial	Q35526	1/27/2004 10:46 AM
Page 14: [407] Formatted Font: (Default) Arial	Q35526	1/27/2004 10:46 AM
Page 14: [407] Formatted Font: (Default) Arial	Q35526	1/27/2004 10:46 AM
Page 14: [408] Formatted Indent: Left: 0.5"	Q35526	1/27/2004 10:39 AM
Page 14: [409] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 14: [410] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 14: [411] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 14: [412] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 14: [413] Deleted installation of	Q35526	1/22/2004 11:52 AM
Page 14: [413] Deleted d	Q35526	1/22/2004 11:52 AM
Page 14: [413] Deleted istributed generation equipment	Q35526	1/22/2004 11:54 AM
Page 14: [414] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 14: [415] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 14: [416] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 14: [417] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 14: [418] Formatted Font: 10 pt	Q35526	1/15/2004 7:25 AM
Page 14: [418] Formatted	Q35526	1/15/2004 7:25 AM

Font: 10 pt

Page 14: [419] Deleted or facility	Q35526	1/22/2004 11:53 AM
--	---------------	---------------------------

Page 14: [419] Deleted s	Q35526	1/22/2004 11:53 AM
------------------------------------	---------------	---------------------------

Page 14: [420] Formatted	Q35526	1/15/2004 7:25 AM
---------------------------------	---------------	--------------------------

Font: 10 pt

Page 14: [421] Formatted	Q35526	1/15/2004 7:25 AM
---------------------------------	---------------	--------------------------

Font: 10 pt

Page 14: [422] Formatted	Q35526	1/15/2004 7:25 AM
---------------------------------	---------------	--------------------------

Font: 10 pt

Page 14: [423] Formatted	Q35526	1/15/2004 7:25 AM
---------------------------------	---------------	--------------------------

Font: 10 pt

Page 14: [424] Formatted	Q35526	1/15/2004 7:25 AM
---------------------------------	---------------	--------------------------

Font: 10 pt

Page 14: [425] Formatted	Q35526	1/15/2004 7:25 AM
---------------------------------	---------------	--------------------------

Font: 10 pt

Page 14: [426] Formatted	Q35526	1/15/2004 7:25 AM
---------------------------------	---------------	--------------------------

Font: 10 pt

Page 14: [427] Deleted completed	Q35526	1/22/2004 11:53 AM
--	---------------	---------------------------

Page 14: [427] Deleted standardized	Q35526	1/14/2004 3:10 PM
---	---------------	--------------------------

Page 14: [427] Deleted application	Q35526	1/22/2004 11:55 AM
--	---------------	---------------------------

Page 14: [428] Formatted	Q35526	1/15/2004 7:25 AM
---------------------------------	---------------	--------------------------

Font: 10 pt

Page 14: [428] Formatted	Q35526	1/15/2004 7:25 AM
---------------------------------	---------------	--------------------------

Font: 10 pt

Page 14: [429] Formatted	Q35526	1/15/2004 7:25 AM
---------------------------------	---------------	--------------------------

Font: 10 pt

Page 14: [429] Formatted	Q35526	1/15/2004 7:25 AM
---------------------------------	---------------	--------------------------

Font: 10 pt

Page 14: [430] Formatted	Q35526	1/15/2004 7:25 AM
---------------------------------	---------------	--------------------------

Font: 10 pt

Page 14: [431] Formatted	Q35526	1/15/2004 7:25 AM
---------------------------------	---------------	--------------------------

Font: 10 pt

Page 14: [432] Formatted	Q35526	1/15/2004 7:25 AM
---------------------------------	---------------	--------------------------

Font: 10 pt

Page 14: [433] Formatted	Q35526	1/15/2004 7:25 AM
---------------------------------	---------------	--------------------------

Font: 10 pt

Page 14: [434] Formatted	Q35526	1/15/2004 7:25 AM
---------------------------------	---------------	--------------------------

Font: 10 pt

Page 14: [435] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		
Page 14: [436] Formatted	Q35526	1/22/2004 11:56 AM
Font: 10 pt		
Page 14: [437] Formatted	Q35526	1/22/2004 11:56 AM
Font: 10 pt		
Page 14: [438] Formatted	Q35526	1/22/2004 11:56 AM
Font: 10 pt		
Page 14: [438] Formatted	Q35526	1/15/2004 7:25 AM
Font: 10 pt		